

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

PUBLICATION NUMBER : 10066844  
PUBLICATION DATE : 10-03-98

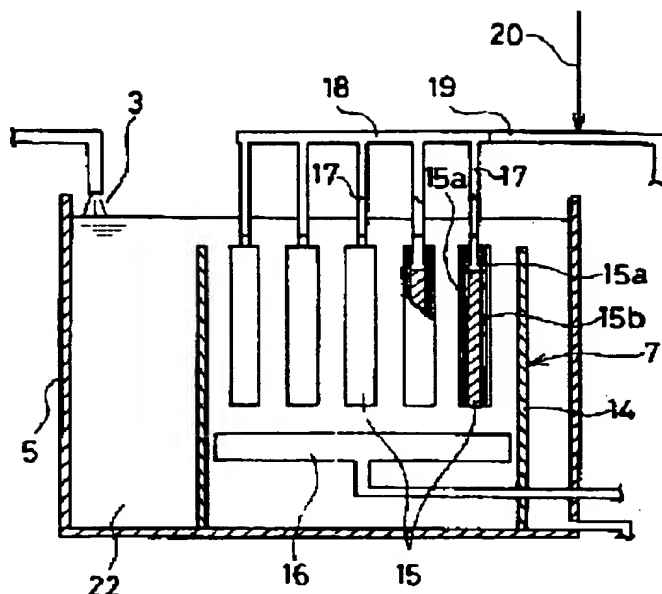
APPLICATION DATE : 27-08-96  
APPLICATION NUMBER : 08224685

APPLICANT : KUBOTA CORP;

INVENTOR : NURISHI MASA HARU;

INT.CL. : B01D 65/06 C02F 1/44 C02F 3/12

TITLE : WASHING OF MEMBRANE  
SEPARATOR



**ABSTRACT :** PROBLEM TO BE SOLVED: To obtain stable washing effect without using a highly conc. chemical soln. in the washing of an immersion type membrane separator.

**SOLUTION:** A chemical soln. decomposing a substance bonded to the surfaces of a membranes is injected into the permeated water passages 15b of the membrane cartridges 15 of a membrane separator 7 to be allowed to permeate through filter membranes 15a and this chemical soln. is held within the permeated water passages 15b for 1-2hr. Thereafter, washing water is injected into the permeated water passages 15a in an amt. almost equal to that of the chemical soln. to be allowed to permeate through the filter membranes 15a. By this constitution, the difference pressure between membranes can be restored by efficiently peeling the substance bonded to the surfaces of membranes and the disposal treatment of the chemical soln. remaining in the permeated water passages 15b can be dispensed with.

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